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PARK'S FLORAL MAGAZINE

VOL. XXXVIII.

LIBONIA, FRANK. Co., PA., JUNE, 1902.

No. 6.

Circulation FOR APRIL Number of copies mailed of Park's Floral Magazine, as indicated by Postoffice receipts **401,171**
Bulletin . . . FOR MAY: Number of copies printed of Park's Floral Magazine, as indicated by press counters **356,000**

 The past Spring and Winter has been the most successful subscription season the publisher of this Magazine has ever enjoyed. Today over 300,000 copies of the edition are required to serve actual subscribers, and the others go to those who order sample copies and are in the habit of reading advertisements and buying by mail. There is no promiscuous distribution, no duplication, no waste circulation. Considering quality and quantity of circulation, with the low advertising rates, PARK'S FLORAL MAGAZINE will rank high among the very best and most profitable of the advertising mediums of America. A trial will convince the skeptical. Write for terms to The C. E. Ellis Co., Adv'g Managers, Temple Court, New York City, N. Y.

ARECA LUTESCENS.

A Grand Palm, exceedingly graceful, easily grown, one of the finest decorative plants in cultivation.



Splendid plants, 20 cents each, \$2.00 per dozen (including a trial subscription to Park's Floral Magazine), mailed and safe arrival guaranteed.

Among the more graceful, beautiful and easily grown of Palms we find Areca lutescens stands at the head of the list, or very near it. Everybody admires it, and everybody who can grow a Geranium can succeed with it. It does not mind the dry, heated atmosphere which destroys so many house plants, and its graceful appearance in the window is regarded by many as an evidence of superior aesthetic taste as well as skillful care. I wish every reader of the Magazine who loves really handsome and graceful plants would secure one of these Palms, if this species is not already in possession. It is something that will last for years, become handsomer and more appreciated as it grows older, is not troubled by insects, and is in every way a most satisfactory plant. Now is the time to secure it. After you get it and know its value and decorative qualities you will always feel thankful that it was called to your attention in this notice.

Elsewhere (see next page), I offer six plants, your selection, for only 25 cents. If you count the Chinese Primrose offered there as the sixth plant you may select one Areca lutescens, the same as offered above at 20 cents each or \$2.00 per dozen, and it will be sent you free. That is, I will send Areca lutescens, Chinese Primrose, and five plants your selection from the published list, for only 25 cents. I cannot conceive of a more liberal offer than this. I have never known this Palm, taken from 2½-inch pots, to be mailed for less than 20 cents before. I am able to make this offer because of the big surplus stock of a florist friend who needs room, and

gave me a great bargain in the fine potted plants he had on hand. Better secure one now, while I have them to offer so liberally. Order before July 15th. After that date this offer may be withdrawn, as my stock may be exhausted by that time. Address

GEO. W. PARK, Libonia, Franklin Co., Pa.

EXTRAS.—I can also supply the following choice plants at 20 cents each, or \$2.00 per dozen: New American Wonder Lemon, New Abbotsford English Ivy (from the home of Sir Walter Scott), Asparagus plumosus, Asparagus Sprengeri, Begonia Evansiana, a hardy bedding sort, Otaheite Orange, Gardenia Florida, Crimson Rambler Rose, blooming plants of Fern-leaved and Mallow-leaved Primroses, and a few Palms besides Areca lutescens.

BARGAINS IN PLANTS.

Pick them out. Six plants, your choice, including one 20-cent plant from preceding page, all for 25 cents. 12 plants, including two 20-cent plants, 50 cents. 18 plants, including three 20-cent plants, 75 cents. 25 plants, including four 20-cent plants, \$1.00. 100 plants (not less) by mail, including sixteen 20-cent plants, \$3.75. See description of 20-cent plants on preceding page.

These plants are all in splendid condition, well rooted, grown in cool houses, and sure to do well. They will be carefully packed, mailed, prepaid, and guaranteed to reach you in good condition. I have a full stock of all the plants listed now, but you should select a few substitutes to be used in case of shortage. The list will be changed monthly, as stock changes. All orders will be promptly filled, and every effort made to give entire satisfaction to every purchaser. Order at once.

Splendid Plants of Chinese Primrose Given Away.

I have an enormous quantity of fine plants of Chinese Primrose, which I must dispose of at once to get the pots and room. They are of both Fern-leaved and Mallow-leaved sorts, and of all the leading colors. To anyone ordering six plants (25 cents) before July 1st, I will add one of these Primroses free—making in all seven plants for 25 cents. If you send 50 cents for 12 plants I will add two Primroses free. For 75 cents I will add three Primroses free, and for \$1.00 I will add four Primroses, all different, free. If you wish Primroses alone I will mail these fine plants at \$1.00 per dozen, all different. Do not expect this Primrose gift after July 15th. I hope to dispose of all my surplus stock by that time. If you do not wish the Primroses I will add other plants, hardy or tender, as desired, instead.

Abelia rupestris.

NOTE.—The beautiful autumn-blooming Chinese Shrub. Handsome foliage, and clusters of pretty, tube-like, fragrant flowers in abundance. Hardy in Southern Pennsylvania. Plants bloom the first season.

Abutilon Santana.

Savitzii, variegated.

Anna, orange, veined.
Other varieties.

Acacia lophantha speciosa.

NOTE.—The elegant Tree Fern, will grow 12 feet high, and bear lovely yellow flowers. One of the finest decorative pot plants, and can also be bedded out.

Acalypha Macafeana.

Sanderiana.

NOTE.—The first has foliage like autumn leaves. Sanderiana is a superb flowering plant nearly always in bloom. Flowers appear as long, fluffy, carmine-scarlet tails, showy and exceedingly handsome.

Achania Malvaviscus.

Known as the upright Fuchsia, scarlet bloom. Achyranthus, red or yellow.

Lindenii, red, pointed leaves.

Acorus calamus.

NOTE.—A stately aromatic plant, with sword-shaped foliage.

Agavea celestis.

NOTE.—Blue Paris Daisy. Very beautiful, graceful flowers. Good winter-bloomer.

Ageratum, blue.

White.

Princess Pauline.

NOTE.—These bloom



CHINESE PRIMROSE.

Begonia, Margarita.	supply fine Cannas in
Multiflora hybrida.	named sorts at 70 cents per dozen.
M. de Lesseps.	Capsicum, Celestial Pepper.
Olbia.	Prince of Wales.
Pres. Carnot.	Little Gem.
Queen of Bedders.	Carnation, Margaret, yellow.
Rex in variety.	Margaret, white.
Robusta.	Margaret, mixed.
Sandersoni.	Early Vienna, double.
Sanguinea.	Grenadin, double.
Semperflorens rosea.	Malmaison, mixed.
Specularia.	Catalpa Kämpferi.
Souv. de Pres. Guillaume.	Celastrus scandens.
Vittata alba.	Cereus in variety.
Weitoniensis, white.	Cestrum parqui.
Red.	Laurifolium.
Cut-leaved.	Potheicus.
Begonia, tuberosa.	Chrysanthemum in variety.
White.	Cineraria hybrida.
Rose.	Cicuta Maculata.
Yellow.	Cissus heterophylla, hardy.
Double, in variety.	Cinnamom Vine.
Bellis, Double Daisy, red.	Clematis Virginiana.
Snowball, white.	Clerodendron Balfouri.
Bergamot, Scarlet Mornarda.	Cocrea scandens.
Fulgens, scarlet.	Coleus, Fancy, in variety.
Pennsylvania, white.	Coccobola platyclada.
Large Crown.	Convallaria (Lily of the Valley).
Athyrium vittatum.	Coreopsis lanceolata.
Aquilegia canadensis.	Coronilla glauca.
Anemone Japonica.	Cuphea platycentra.
Hortensis.	Currant, sweet-scented.
Fulgens, scarlet.	Crape Myrtle.
Pennsylvania, white.	Crassula cordata.
Large Crown.	Cyclamen Persicum.
Athyrium vittatum.	Cyperus alternifolius.
Co. nutum.	Cypripedium acaule.
Dracunculus.	Dahlia, named, any color.
Sancutum.	Deutzia crenata fl. pl.
Asclepias tuberosa.	Gracilis.
Aster, perennial.	Dicentra spectabilis.
Astilbe Japonica.	Eximia.
NOTE.—A hardy herbaceous plant with feathery panicles of lovely white flowers.	Double Daisy, Snowball.
Buddleia variabilis.	Longfellow, pink.
Buxus (Box Wood).	Elecampane (Inula).
NOTE.—Buxus is a beautiful evergreen, appearing well as a single specimen, and also fine for a hedge or the cemetery lot. It is hardy and will grow almost anywhere. I have fine plants. Per hundred \$6.00.	Eranthemum pulchellum.
Cactus in variety.	Eucalyptus odora.
Caladium esculentum.	Euonymus Americana.
Calamus (Acorus).	
Callicarpa purpurea.	
Caltha palustris.	
Calystegia pubescens.	
Canna in variety.	
NOTE.—For beds I can	

Euonymus Japonica aurea. Variegata.
Eupatorium riparium.
Euphorbia splendens.
Ezochorda grandiflora.
 Ferns, hardy, in variety.
 Ferns, tender, in variety.
 Boston Fern.
Forsythia viridissima. Suspensa, weeping.
 Note.—These are hardy shrubs, and produce wreaths of golden bells early, before the leaves develop.
Fuchsia, Avalanche. Arabella Improved.
 Black Prince.
 Dr. Topinard.
 Elm City.
 Little Prince.
 Monarch.
 Mons Thibit.
 Oriflamme.
 Peasant Girl.
 Procumbens.
 Puritan.
 Speciosa, winter bloomer.
 White, double.
Funkia in sorts.
Gaillardia grandiflora.
Gardenia, Cape Jasmine.
Gaultheria procumbens.
Genista canariensis.
Gentiana Andrewsii.
Geranium maculatum.
Geranium, America. Mrs. E. G. Hill.
 Wonder, scarlet.
 Other single sorts.
 John Doyle, double.
 Beaute Poitevine.
 La Favorite, white.
 Other double sorts.
 Bronze-leaved.
 Ivy-leaved in sorts.
 Scented, Rose, Nutmeg.
 Walnut, Skeleton.
 Mrs. Taylor, Apple, etc.
Geum coccinea fl. pl.
Gloxinia in variety.
Golden Glow (Rudbeckia). Note.—This is one of the best of hardy herbaceous perennials. The plants grow five to eight feet high in moist soil and are a swaying mass of bright, golden double flowers during autumn. Everyone should have this grand plant. Once started it will take care of itself.
Golden Rod (Solidago).
Goodyera pubescens.
Grevillea robusta.
Grevillea, Australian Silk Oak
Habrothamnus elegans.
Hedera, English Ivy.
Helianthus tuberosa.
 Note.—This is the Jerusalem Artichoke. Grows 10 feet high, and makes a bold group of autumn-blooming plants. Flowers golden yellow, freely produced. A hardy tuberous perennial. The tubers are often used for pickling.
Heliotrope in variety.
Hemerocallis fulva.
 Flava, Lemon Lily.
 Kwamso, double.
Kwamso folis variegatis.
 Note.—These are hardy summer-blooming perennials, showy and easily grown.
Hoarhound, herb.
 Note.—The leaves of this plant may be gathered and dried for medicinal purposes. A tea used hot is an effectual remedy for colds and chills. Taken after eating it is also a remedy for indigestion.
Houstonia cerulea. Bluet.
Hydrangea hortensis.
Hyacinthus monstrosus.
Iberis, Perennial Candytuft.
Impatiens sultana.
Inula (Elicampone).
 Note.—A tea made from the roots of this plant is valuable in pulmonary complaints.
Ipomoea Leari, Blue Moon-vine.
Iris Violacea vera, violet.
Violacea vera, white.
Iris Kæmpferi, Germanica.
Pumila.
Florentina.
Isolepis gracilis, grass.
Ivy, German or Parlor.
 English, hardy.
 English, variegated.
 Kenilworth, for baskets.
Jasminum gracilinum.
 Grand Duke.
 Grandiflorum.
 Nudiflorum.
Justicia carnea, pink.
Coccinea, redish foliage.
 Kenilworth Ivy, for baskets.
Kerria Japonica, double.
Kalmia latifolia.
Lantana, white, pink, yellow and New Weeping.
Lathyrus, Perennial Pea.
Lavandula, Lavender.
Lawatera arborea variegata.
Leonotis leonurus.
Libonia penrhosiensis.
Ligustrum, Cal Privet.
 Note.—This is the finest ornamental hedge plant in popular use. It is almost evergreen, bushy, grows quickly, and is greatly admired. 100 plants \$6.90, 1000 plants \$57.00.
Linaria eymallaria.
Lily of the Valley.
 Note.—This is a lovely hardy perennial, sure to grow and sure to please.
Lilium. Exquisite little white bells in racemes; deliciously fragrant. Does well in a dense shade. Fine for the cemetery. Per dozen 50 cents.
Linum, Perennial Flax.
Liriodendron, Tulip Tree.
Lophospermum scandens.
 Note.—This is a lovely, rapid-growing vine with silvery foliage and beautiful rosy, bell-shaped flowers. It does well in the house, as well as out-doors, and blooms continuously. Can be kept in the cellar in winter, if not wanted for the window.
Loniceria, Honeysuckle.
Lopelia rosea.
Lunaria biennis, Honesty.
Lyceum, Matrimony Vine.
Lysimachia, Moneywort.
Madeira Vine, started.
Mackaya bella.
Malvaviscus Achania.
Mandelvillea suaveolens.
Mexican Primrose.
Milla biflora.
Mimulus moschatus.
Mitchella repens.
Monarda didyma.
Montbretia crocosmiæflora.
Myrtus communis.
Nepeta, Catnip.
 Note.—This is an old herb often in demand because of its medicinal qualities.
Nerine, Belladonna Lily.
Nerium, Oleander.
Nicotiana, Jasmine scented.
Old Maid, hardy, scented.
Old Man, hardy shrub.
Oleander, mixed sorts.
Oxalis arborea tricolor.
Summer-flowering sorts.
 Note.—*Oxalis arborea* is a superb basket or pot plant nearly always in bloom.
Paeony, Chinese.
Pansy, in variety.
Parsley, Moss curled.
Perennial Pea.
Pennroyal, herb.
Pristrophe variegata.
Phalaris, Ribbon Grass.
Phlox, white, perennial.
 White, pink eye.
 Red in shades.
Pluvalacca, Poke Root.
Pilea serpyllifolia.
Pine Apple Geranium (Salvia).
Plumbago capensis, white.
Capsenia, blue.
Polygonatum, May Apple.
Solomon's Seal.
Polygonum cuspidatum.
Primula chinensis.
Forbesi.
Elatior.
Punica, Pomegranate.
Rubus odorata.
Richardia alba maculata.
Rocket, sweet.
Rose, Maman Cochet, white.
Rose, in variety.
 Everblooming in variety, Hardy, climbing.
Rudbeckia, Golden Glow.
Ruellia Makoyana, carmine.
Formosa, scarlet.
Russelia elegansissima.
 Note.—This is a superb pot plant. Flowers tubular, rich scarlet, in long, drooping racemes. Fine for baskets or vases.
Salvia splendens, scarlet.
Rutilean, new.
Robusta, fragrant foliage.
Sanguinaria, Blood Root.
Sansevieria Zeylanica.
Saponaria officinalis.
Sassafras, handsome tree.
Saxifraga sarmentosa.
Scrophularia pulchella.
Selaginella, moss-like.
Sedum, hardy yellow.
Acre, Crowfoot.
Semperivium, Live Forever.
Senecio petasites.
Smilax, Boston.
Solanum Dulcamara.
Solidago, Golden Rod.
Spirea Anthony Waterer.
Prunifolia.
Reevesii.
Van Houtte.
 Note.—The above are all splendid hardy, free-blooming Shrubs.
Spirea palmata, herbaceous, perennial.
Asitile Japonica.
 Note.—*Spirea palmata* is one of our finest hardy herbaceous perennials. Flowers soft pink in glorious plumes.
Stevia variegata.
Sternbergia lutea.
Strobilanthes anisophyllus.
Sweet William, in sorts.
Syringa, Lilac, shrub.
Tamarix Africana.
Tanacetum, Tansy.
Tradescantia, variegata.
Zebrina.
 Note.—These are fine for baskets and pots in densely shaded places.
Tritonia.
Tuberose double.
Verbena, hardy purple.
Vinca, hardy blue.
Viola cucullata, blue.
Pedata.
In variety.
Watsonia.
Weigela rosea floribunda.
Variegata.
Yucca filamentosa.
Zea, Giant Maize.
Zephyranthus (Amaryllis).

Order promptly, as this list will be changed more or less each month. If you select more than a plant of a kind always select a substitute also, as we will send but one plant of each kind where stock runs low. Always select several substitutes to be used in cases where our stock may be exhausted. Tell your friends of these offers, and get them to join you in a club offer. Address

GEO. W. PARK, Libonia, Franklin Co., Pa.

Winter-blooming and Window Plants.—The best time to secure these is in the summer. Don't wait till fall. They will do far better if obtained and grown in pots through the summer and autumn months, shifting into larger pots as they require more root-room.

Winter Flowers. For flowers in the window in winter get the beautiful dwarf Geranium America. It is very free-blooming, grows well, and is rarely without big clusters of bloom if given a sunny place. Other flowers are *Cressula cordata*, *Eupatorium riparium*, *Justicia coccinea*, *Lopelia rosea*, *Cuphea platycentra*, *Eranthemum pulchellum*, *Euphorbia splendens*, *Chinese Primrose* and *Primula obconica*.

Seeds for Winter-blooming Plants.—Sow seeds now of *Lobelia* and *Kenilworth Ivy* for winter-blooming basket plants, *Petunias*, *Smilax* and *Verbenas* for vases, and *Impatiens*, *Browallia*, *Scabiosa*, *Tagetes*, *Candytuft*, *Schizanthus* and *Primroses* in pots.

PRIMROSES! PRIMROSES!

A Glorious Class of Flowers for the Specialist. All are Easily Grown from Seeds.

Only 50 cents for 20 packets of Seeds of the best Primroses. Order to-day



NEW HYBRID PRIMROSE, PYRAMIDALIS STELLATA.

(A Novelty in Primroses. Free-blooming, Everblooming, Winter-blooming. Entirely new. 10 seeds 25 cents.)

To encourage the culture of Primroses—which are among the most beautiful and easily grown of flowers—I make this offer: Send me 50 cents, and I will mail to you at once 20 packets of the best kinds, consisting of the following:

<i>Primula Sinensis</i> , Mallow-leaved, mixed.....	3	<i>Primula Verticillata</i> , Abyssinian Primrose.....	3
<i>Sinensis</i> , Fern-leaved, mixed colors.....	3	<i>Forbesii</i> , the Baby Primrose.....	3
<i>Sinensis</i> , finest double, mixed colors.....	3	<i>Gold-laced</i> , finest mixture.....	3
<i>Obconica</i> , large-flowered, mixed colors.....	3	<i>Formosa</i> , the Bird's-eye Primula.....	3
<i>Rosea</i> , the Kashmir Hardy Primrose.....	3	<i>Auricula</i> , mixed, finest large-flowered.....	3
<i>Cortusoides</i> , the Wrinkle-leaved Primrose.....	3	<i>Japonica</i> , the Giant Hardy Primrose, mixed.....	3
<i>Vulgaris</i> , the Yellow English Primrose.....	3	<i>Viscosa</i> , the Clamy Primrose.....	3
<i>Acaulis</i> , the Dwarf English Primrose, mixed.....	3	<i>Cashmeriana</i> , hardy Himalayan Primrose.....	3
<i>Elatior Duplex</i> , the Double Hardy Primrose.....	3	<i>Denticulata</i> , a fine Alpina Primrose, mixed... 3	3
<i>Elatior</i> , Single Hardy Sweet Primrose, mixed.....	3	<i>Floribunda</i> , Everblooming Yellow Primrose.....	3

Four packets of any one of the above sorts of Primroses will be supplied at 10 cents, or one packet 3 cents. The whole collection will be mailed, 20 packets, one of each sort, for only 50 cents.

SPECIAL OFFER.—To any person ordering two collections of these Primroses (\$1.00) I will add a packet of the New Magenta Baby Primrose, or of Brilliant Carmine Primula obconica, or of the New Giant Hybrid Primrose, illustrated above—*Primula Pyramidalis Hybrida Stellata*. I will send all three of these exquisite sorts for a club of three collections—\$1.50. The price of these new sorts alone is 25 cents per packet.

Park's "All About Primroses" fully describes and illustrates all these splendid Primroses, and gives a lot of information about starting the seeds and caring for the plants. Sent with every collection of seeds, or will be mailed free upon application. Now is the time to sow these fine Primroses. Order to-day. Tell your friends and get up a club. Do not delay. Address

GEO. W. PARK, Libonia, Franklin Co., Pa.

PARK'S FLORAL MAGAZINE.

A MONTHLY JOURNAL OF FLORICULTURE.

Vol. XXXVIII.

Libonia, Pa., June, 1902.

No. 6.

JUNE.

How fair her crown of Roses gay,
How sweet her voice, each songster gay,
Is of her melody a part,
The babbling brook her laughter sweet,
And where the waves of ocean's meet
We hear the throbbing of her heart,
'Neath azure skies that smile above,
All Nature is attuned to love,
And June for love is set apart.

Suffolk Co., N. Y. Ruth Raymond.

ANCHUSA AFFINIS.

VERY beautiful flower easily grown from seeds is Anchusa affinis, represented in the illustration on this page. The plants are hardy, begin bloom in a few months after they are started, and if properly managed will bloom for several years. They grow a foot or more in height, branching freely, and each branch is terminated by a scorpioid cyme of showy cobalt-blue flowers, which are produced throughout the season. The plant is a near relative of the Forget-me-not, but produces flowers much older and brighter than the Forget-me-not flowers.

They should be freely cut, and thus kept from becoming exhausted in blooming and seed-bearing, otherwise their period of life will be shortened. It is a good plan to start the seeds during mid-summer, and so treat them that they will get well established the first season. They will then endure the winter unharmed, and begin to bloom early the following year. The scarcity of choice blue flowers makes the introduction of this fine Anchusa the more desirable, and it is hoped that many persons who see this note will be encouraged to give it a trial. The seeds may be obtained of almost any reliable seedsman.



ANCHUSA AFFINIS.

Nicotiana Affinis.—*Nicotiana Affinis* is easily grown from seeds by planting them on top of a soft, well prepared soil, pressing the seed into the earth, which should be kept moist until plants appear. So planted they are easily grown out-doors, or in a box in the house. I now have a bed full, which, with a little protection, will remain over winter and give a wealth of flowers next summer.

Roanoke Co., Va.

Annie Bower.

BRUANT HELIOTROPS.

MY finest Heliotropes last season were those grown from Bruant seeds, though I had several plants grown from cuttings of named sorts.

Both foliage and clusters of blossoms were of immense size, often three times as large as those of other plants, and the wood appeared to remain green and full of sap all summer, while the other plants had hard, woody stems.

There is such a variety in color among seedling blossoms, that it is interesting to watch the new ones unfold. The colors vary from white through all the shades from palest lavender to deep purple.

As the seed is very small it is well to mix it with fine soil before sowing, and it will need no covering of earth, but a thick paper laid over the box will assist germination by keeping the seed dark.

Marian Meade.
Winnebago Co., Ill.

Insects.—The curling up of leaves on window plants is an indication of insects. If red spider, a frequent wetting of the under side of the leaves will destroy them. If aphides, fumigate with tobacco smoke.

J. Lynch.

Yamhill Co., Oreg., Oct. 23, 1901.

Park's Floral Magazine.

A Monthly. Entirely Floral.

Geo. W. Park, Editor and Publisher.
LIBONIA, FRANKLIN COUNTY, PA.

CIRCULATION.—The actual circulation, proven when required, is 350,000 copies monthly. No free distribution of promiscuous lists of names. Advertising offices 713-718 Temple Court, New York, N. Y. The C. E. Ellis Company, Managers, to whom all communications about advertising should be addressed.

SUBSCRIPTION PRICE, 50 cents for five years, prepaid. Trial subscriptions of a few months, 10 cents.

THE EDITOR invites correspondence with all who love and cultivate flowers.

Entered in the Post Office at Libonia as Second Class Mail Matter.

JUNE, 1902.

LILY OF THE VALLEY.

LIYL OF THE VALLEY plants are entirely hardy, and should be allowed to remain in the border undisturbed, simply keeping the grass away, and cultivating sometimes to promote their development. They will grow in a sunny bed, or in one so densely shaded as to be destitute of direct sunlight. They are in bloom with the Lilac. The pips received from Germany are fine for window culture. Six or eight are potted in a five-inch pot, set in a cool place, and the soil kept moist. In a short time the flower stems will push up, followed by the rich green foliage, making a handsome potful of foliage and fragrant bloom. The pips are sure to bloom, and if better known would be very popular for winter-blooming.

Bird of Paradise.—This is the Poinciana. The plants are hardy outdoor evergreen shrubs at the South, but should be grown in large pots at the north, keeping in a temperature of from 50° to 60° during winter. They are mostly natives of the East Indies, and require a warm temperature and rather sunny situation. They are summer-blooming plants, and may be plunged in a sheltered bed in summer, and taken up in the fall for winter care where the climate is unsuitable for growing them permanently out-doors.

Auratum Lily.—This Lily should have a light, porous, well-drained soil, and be set eight inches beneath the surface. It is hardy and healthy only when the conditions of its culture are favorable. It is always or nearly always handsome for several years, but is not so lasting as the old Tiger or Lancifolium species.

A Blooming Carpet.—Sow Kenilworth Ivy in your Gladiolus or Tuberose bed, and you will have a blooming carpet.

ARECA LUTESCENS.

ARECA LUTESCENS is one of the most graceful and majestic plants in cultivation. It is of rather dwarf habit, with a slender, yellowish green stem, and handsome, plume-like, arching leaves, as shown in the little engraving. For table or room decoration, or for a vase in the hall no Palm surpasses this Areca. It will endure the warm temperature of the living room better than most Palms, and is a plant that affords great satisfaction and pleasure, because of its easy culture and great beauty.

The plants should be potted in three-inch or four-inch pots at first, and shifted



into larger pots when the roots begin to crowd. Use soil composed of strong, fibrous loam, sand and well-rotted manure, thoroughly composted. Provide good drainage, and water liberally while growing. Sponge the leaves with soapy water occasionally to cleanse them of dust and insects, and shade from the mid-day sun during the summer. If the pots are placed upon the piazza in summer protect them from wind and sun by placing in a jardinier with sphagnum moss. This will prevent rapid evaporation, keep the soil moist, and promote the healthy growth of the leaves.

The best time to obtain the plants is during the spring and summer months. Potted then they become well established by winter, their culture becomes familiar, and success with them is assured.

Easter Lily.—The Lily disease has lately so effected the Bermuda Lily that its culture is not recommended. Before the disease appeared fine bulbs ranging from nine to eleven and from eleven to thirteen inches in circumference, healthy and sure to bloom with moderate care could be obtained. Now most of the bulbs offered are from five to seven inches in circumference, diseased, and almost sure to disappoint the purchaser, as they are likely to die before they bloom or grow larger. Large, healthy bulbs can hardly be obtained at any price. You had better avoid the Bermuda Easter Lily for a few years, or until the disease has run its course and abates. The branching Japanese Easter Lily, imported from Japan, is free from disease, and is a good substitute, as it is similar in flower and fragrance, and almost as prolific.

Hardy Primroses.—Don't forget to sow seeds this month for a bed of Hardy Primroses. Such a bed makes a glorious display in early spring.

SNOWBALL AND INSECTS.

ASUBSCRIBER complains of the old-fashioned Snowball, *Viburnum opulus* sterilis, as follows:

Mr. Park:—My Snowball bush does not open the flowers perfect, and the leaves come every spring curled up and full of small white lice when the buds just begin to show. I washed the whole plant with quassia tea, but it seems not to have done any good. How shall I treat it?—Mrs. H.

The least troublesome method of treatment is to discard the old-fashioned Snowball, and replace it with the Japanese Snowball, *Viburnum plicatum*. This shrub is more thrifty, has finer foliage, and larger and more numerous flowers, while it is not troubled by insects. It is much superior to the older sort in every way.

If, however, the old bush is retained, begin treating it early in the spring, before the buds develop, dipping the branches in a liquid prepared by making a strong quassia tea, and adding soft soap and kerosine oil, the whole churned until thoroughly mixed. For dipping this material should be of such temperature that the hand can be quickly dipped in it without scalding. If applied with a syringe it should be somewhat hotter. In dipping the bushes should be retained in the liquid long enough to be saturated. The insects winter in crevices about the bark and buds, and can be destroyed only by thorough and repeated applications. After the leaves develop a weaker solution can be applied with a syringe, care being used to apply it just as hot as the foliage will bear, but no hotter. This condition varies with different plants and in different stages of development, and can be determined only by observation and experience.

The liquid recommended is also effectual in ridding Roses of all insects and pests that trouble the flowers and foliage, always applying it as hot as the foliage will bear.

Wintering.—Plants of Geranium, Fuchsia and Pelargonium or Mary Washington Geranium can be wintered in pots in a dry, light, frost-proof cellar. Water sparingly, but do not let the soil dry out enough to injure the roots. Take them out of their winter quarters late in February or early in March.

Hydrangea.—If you have a window Hydrangea that does not bloom bed it out in a partially shaded place during summer, at the same time cutting it back severely to encourage new, vigorous growth. Pot firmly in the fall, and winter the plant in a frost-proof room, watering sparingly.

SEEDS FOR SCHOOLS.

THE dissemination of seeds among school children is becoming popular, and perhaps in no way can an interest in flowers be more effectually promoted than by this means. Some go even further, and distribute bulbs and plants. The work thus encouraged occupies the minds and hands of the children, giving them wholesome exercise as well as useful experience, and has an influence for good that can be secured in no other way. Secular as well as Sabbath Schools have thus created an interest in flowers, and inspired taste, refinement and morality.

A little rivalry among the children is often secured, and enthusiasm promoted by offering simple prizes or honors to those who are most successful. The reward of a book, magazine, picture or other prize stimulates energy and zeal in the work. A subscriber from Iowa writes:

Mr. Park:—We are distributing flower seeds in our Sabbath School this year. Each scholar received a package, and each class will take its turn in decorating the church each Sabbath. I consider this seed distribution a grand idea, and the method we have adopted will keep up the interest in flowers and plants throughout the season. I believe the work will prove a great success.—Mrs. W.

Others have written encouragingly about this floral missionary work and the good it is doing, and the mentioning of it here may suggest to others what might be done in the same manner in their respective communities. It is certainly a worthy cause, and merits the consideration of those who have the welfare of a community at heart.

Late Bulbous Flowers.—For late blooming plant Gladiolus and Tuberose bulbs in June and July, setting them five inches or more deep. After planting mulch the bed with stable litter. A sunny bed is preferable, as the late autumn sunrays are not too hot for the development of the buds and flowers. Any plants that fail to show flower in time to avoid injury from cold can be potted and removed to a sunny place in a cool, unheated room. To bloom about the middle of October the bulbs should be planted in the early part of July.

Maize for Pots.—The New Giant Japanese Maize is fine for pots. If a dwarf, dense plant is wanted nip out the top of the first stalk, and encourage numerous shoots from the base. To have the best results shift into a larger pot as the roots begin to crowd, and set the pot in a jardiniere or box with moss around, to prevent drying at the roots. A good specimen is as handsome as almost any decorative plant that can be named.

TIMELY WORK FOR JUNE.

ALL beds should be planted this month that were not planted in May. Transplanting of Geraniums, Verbenas, Petunias and all plants intended for foliage and flowers during the season should be completed during this month. Choose cloudy weather for the work. Dig the holes for the plants, and if the weather is dry put a half pint of water in each hole before setting the plant. The soil about the roots of the plant should be well moistened before the plant is disturbed. Then in setting firm the soil well about the roots, water, and draw some dryer earth over the moisted soil after watering, which will prevent the ground from baking, or getting hard. Avoid pressing the soil after watering. A Rhubarb or Dock leaf placed over tender plants in the morning to keep off sun and air will prevent wilting.

As soon as the various Roses and shrubs cease to bloom cut away the brushy, less vigorous portions and trim to a shapely form. This will insure a fine display of flowers the next season.

Some of the Herbaceous perennials will throw up new stalks that will bloom later if cut back at this season, but do this judiciously. Some of them, such as Dielytra spectabilis will die if the tops are entirely removed.

Cut flowers freely to prevent seed formation. This will prolong the blooming period of some flowers almost indefinitely, if the work is faithfully done.

Train up all vines that show a disposition to run. If this is neglected the plants often become stunted and are an eye-sore rather than a source of pleasure. Tie up Dahlias and other plants requiring assistance.

Plant a bed of Gladiolus and Tuberose bulbs for late blooming. This should be in a sunny place, and the bulbs set four or five inches deep. When thus set they rarely need support. Just before the plants show above the ground cover the bed with a layer of stable manure, which will keep the ground cool and moist, and greatly aid development. The finest Gladiolus flowers are those which develop in late autumn.

Sow seeds for a late bed of Portulaca. Those who have grown the Portulaca only for summer blooming have no idea of the possibilities of this fine annual for autumn blooming. When sown in the spring their beauty is past when the cool weather which they love comes.

Sow seeds of Kochia and variegated Maize for decorative autumn beds, or for exhibition at autumn fairs and festivals. They will come on quickly, and make a fine novel display.

Primrose and Biennial and Perennial

seeds should be sown this month. They may also be started later, but will be stronger by winter if started now. *Primula sinensis*, *P. obconica* and *P. Forbesii* will bloom before the Holidays if started now and well cared for. Such plants also will bloom in the window till spring. A whole windowful of winter-blooming Primroses is very attractive and very satisfactory.

Kochia Scoparia.—Last month this decorative annual was illustrated and described in the Magazine. Since that time the following note from a subscriber in Ohio has been received:

Mr. Editor:—I had some plants of Kochia scoparia last summer, and was asked so many times for the name. I had never seen anything like it before. The largest one I raised measured nine feet and four inches in circumference. It grows like a round Pine tree. The foliage is very fine, and such a beautiful green until a short time before the seeds ripen, when it turns to a beautiful crimson, which makes it very odd and beautiful. It did the best for me on the west side of the house, in the hottest sunshine, and requires a great deal of root room, and not too light soil, or it will fall over during high winds. It is fine for a summer hedge.—Mrs. Jeffrey, Ohio.

Plants are easily raised from seeds, which may be sown this month for a window display in autumn and early winter. The seeds may be obtained from seedsmen at from three to ten cents per packet.

Zephyranthus.—Bulbs of Zephyranthus may be grown either in pots in the window or in sunny beds in the garden. In potting the neck may protrude above the surface. In bedding set the bulbs two or three inches beneath the surface. At the north they are not hardy, and should be lifted in autumn and stored in a frost-proof cellar or room, bedding out in spring. They are of easy culture, and with this simple treatment are very satisfactory little plants.

Wintering Caladiums.—Potted Caladiums are easily wintered in the pots in which they are grown. When the foliage begins to fade dry off the bulbs by withholding water entirely, and placing in a sunny window. When the soil is thoroughly dried set the pot in a dry, warm closet or room till you wish to start them in the spring, then take them out and repot in rich soil, keeping soil barely moist till growth begins.

Chinese Hibiscus.—A beautiful plant for a large pot, or for a bed partially shaded is the Chinese Hibiscus. The flowers are often four to six inches across, and mostly of a rich carmine color. Some are double and some single.

SPIREAS.

SPIREAS are much to be recommended to those who like choice shrubbery. They are of neat habit, most of them small, rather than large shrubs, and because of that, better adapted to small yards. Their flowers are profusely borne, in quite a number of varieties almost continuously, and are adapted for cut flower work, and bouquet making. They are easy to succeed with. Hardy, not particular as to soil, and not subject to disease. Spirea aurea is one of the tallest. It is grown more for its foliage than its flowers. Its tri-lobed leaves are large and golden tinted. Grouped with variegated Weigela and the purple-leaved Barberry it gives a handsome, cold effect. In late summer its golden tints become an ordinary green. If the ground is heavily manured, its leaves crisp and burn in dry weather. It is highly praised by the nurserymen, but beginners will do well to commence with other varieties. Spirea Thunbergii is a pretty shrub, with small, almost Fern-like leaves. It is a sheet of white in the spring. The foliage in autumn takes on high colors fully as ornamental as Aurea's early summer coloring. Spirea Van Houtte is a special favorite. Of medium height, it is a perfect fountain in shape. In spring each of its innumerable long, willow-like branches is wreathed their entire length with tiny white blossoms. It is nothing unusual to cut yard-long canes of this set solidly in flowers. There are several other spring-blooming Spireas, that share with Spirea Van Houtte the expressive name of Bridal Wreath. Some of these other sorts, particularly those with double rosette-like flowers, are even prettier than Van Houtte when closely examined, but are not as showy for a lawn shrub as the latter, which often weeps to the ground beneath its load of flowers.

Spirea Billardi is erect, not weeping in habit. It commences to bloom in early summer, and if the old spikes are removed as they fade, blooms steadily right through the trying mid-summer months, and through autumn. It is one of the best of all for cutting, and showy also as a shrub. Its tiny flowers are massed in fluffy panicles or spikes, and are of a deep rosy pink color.

Spirea Bumalda is a dwarf shrub, taking up no more room than a well-grown Geranium would. Its flowers are also fluffy and of a clear pink, but are borne in flat cymes instead of spikes. Like the Billardi, it blooms constantly if the old heads are removed as they fade. Spirea Fortunei is in two varieties, white and rose, as dwarf as the above, and something on the same order, Bumalda being rather the daintier of the two.

There are quite a number of herbaceous Spireas that die down each winter, and spring up anew each spring. Among these nothing is finer than the common Queen of the Meadow, Spirea salicifolia. Its feathery small pink sprays are the daintiest things imaginable to use in bouquet making. Unfortunately it blooms for a short time only, and then in mid-summer. Spirea aruncus, the Goat's Beard Spirea, is another grand native sort, with the same defect—short blooming period. Tall growing with large, pinnate foliage, and erect, compound panicles of creamy, feathery flowers, the panicles fifteen inches to a foot-and-a-half long, few things are more striking in their season. Spirea filipendula is more satisfactory in that it lasts longer in bloom than the others. Its panicles of densely double miniature white flowers are very beautiful, and like all other spike-flowered Spireas, extremely useful for cutting. These and other herbaceous sorts are fine for those with plenty of yard room, but are not as suitable for small grounds as the shrubby sorts. Lora S. La Mance.

McDonald Co., Mo.

[NOTE.—Spirea prunifolia is the earliest of the shrubby Spireas, being in full bloom when the Apple orchards are in flower. Its long branches are thickly set with clusters of small, double white flowers, making a mass of pure white. Spirea Anthony Waterer bears large clusters of purplish red flowers throughout the season, from June till frost. The foliage is willow-like, and often shows a handsome variegation. Spirea Reevesi is similar to S. Van Houtte, but more erect, and bears double flowers. The tips of its branches sometimes winter-kill, but in other respects it is as hardy as the others.—ED.]

The Chinese Sacred Lily.—This Narcissus is usually grown in water. Bulbs received in September are set in a bowl half filled with sand, and then filled with water. Fancy stones set around the bulb will hold it in place. The bulb is then set away in a dark place, a china closet is as satisfactory as any, and allowed to start roots. When the bowl is filled with white roots, the bulb is then brought to the light. It throws out long, light-green stems, and by the middle of December the flower stalks begin to shoot forth. After a bulb has bloomed it is worthless, and should be thrown away, as these Lilies are so cheap now, one can buy a new supply every fall. The pernicious fashion of slashing the bulbs is dying out, as this treatment has proved the reverse from satisfactory. Georgiana Townsend.

Los Angeles Co., Cal.

West Windows.—The flowers that grow and bloom best in these windows are Begonias, Primroses and German Stock.

Mrs. J. L. S.

Allen Co., Ohio.

ABOUT FERNS.

IS anything more fascinating than to watch the unrolling of various Fern fronds? The highly praised Boston Fern of course we have always with us, but of the vast number of other Ferns few are seen in the window gardens. The Nephrolepis (Boston Fern), being both showy and a rapid grower, is a prime favorite with women; nevertheless I regard it certain that the universal advertising of it these three years past accounts largely for its sudden leap into popularity. It is beautiful, but there are others!

The whole Pteris Tribe of Ferns is worthy of extensive cultivation. Nothing can be more showy than the *P. Argyrea*, with its silvery stripe down the dark-green frond. And Davallias are most worthy. I do not find that Ferns are more difficult to care for than any other window garden subject. With me Adiantums are less robust than most other sorts, and I have wondered if they need any special treatment in winter. They seem to grow luxuriantly in summer.

I have hardy Ferns on the north side of the house, with a background of English Ivy. Here the Cinnamon Ferns grow tall and spread their great fronds. A few dainty Aspleniums, taken from the near-by woods, find room underneath these, and shelter from too much light. The Ebeneum with narrow fronds and black stems, erect and dainty beyond description, I admire more than any other of our wild flowers, perhaps because I never saw it in the woods of other States where I have lived, Massachusetts and Virginia. It struck me as such a piquant little form when I first gazed down at its hiding place at the foot of a tall Persimmon, that I tenderly dug it up and carried it home with plenty of its native leaf mould, and it has abided with me ever since. Lydia W. Baldwin.

Kent Co., Del., Feb. 4, 1902.

Aquilegia.—I wonder how many of the floral band have grown the beautiful Columbine (*Aquilegia*). In form we find both double and single in many curious styles. In color we find white, pink, red, yellow and blue, and sometimes two or more of these colors are curiously blended together. The plants are herbaceous perennials, growing and blooming for several years, and can be renewed by division, or from seed. The *Aquilegia* should be included in every mixed border of low-growing hardy perennial plants.

L. Sloter.

Washington Co., O., Apr. 3, 1902.

Asparagus.—I have two lovely Asparagus, *Sprengerii* and *Plumosus*. They are both beautiful, but *Plumosus* is my favorite.

Mok. Co., Cal. Mrs. Thos. Ervine.

CEREUS FLAGELLIFORMIS.

NOW that the Christmas Cactus is about done blooming, the next gorgeous display we may expect from the Cereus Flagelliformis. This year I think it will be in time for Easter, and happy will be the persons who have several of these fine plants. It is one of the most distinct and graceful of the Cactus family, because of its long, pendulous branches, which may be left to droop or be trained at will. When well established it makes a large plant, and will live and bloom for years.

It is a very satisfactory plant, requiring so little care, and giving so much in return, for often during the spring it is loaded with blossoms, so thickly as to almost obscure the plant. It is very highly recommended for grafting on stout-growing Cereus. It should be grafted three or four feet from the ground, as its branches often grow that length.

On its own root it makes a fine hanging basket. It is also well adapted for the edging of tubs and window boxes. This makes it especially desirable for greenhouse decoration, as does also the fact of its blooming at a time when there is always a scarcity of flowers. Its long dependent branches are always attractive, and when covered with its delicate, rosy blossoms, are indeed very beautiful.

Mrs. M. E. P.

Los Angeles Co., Cal., March 3, 1902.

For Hanging Baskets.—I have a shelf on the house, under the porch. It is high up, and the plants upon it are the drooping kinds. *Saxifraga* or *Strawberry Geranium* is wonderfully handsome. So also is *Beefsteak Begonia*. (Please Mr. Editor tell me the correct name for that.) [It is *Begonia Feasti*.—ED.] It makes a luxurious growth, and is so rich and glossy. The *Oxalis* are lovely, too, as their flowers are large and bright. Another pot has two colors of *Ivy Geraniums*, a delicate pink and a soft rose. It is exquisite. The *Tradescantia* gives a pretty effect, also, to the collection. There are many trailing plants for such a shelf. The trailing *Fuchsias* and *Lantanas* bloom, and *Asparagus Sprengerii* and *Boston Fern* and *Smilax* are beautiful for their foliage and greenness. Georgina S. Townsend.

Los Angeles Co., Cal., Apr. 3, 1902.

Star Flower.—Last spring I started plants of Park's Star Flower quite early, and reset them in a clump of scarlet Cannas, and they grew and grew. The first of July they began to bloom, and were full of flowers until killed by frost a week ago. They were eight ft. tall, with immense leaves. Mrs. J. S. Conard.

Marshall Co., Tenn., Nov. 22, 1901.

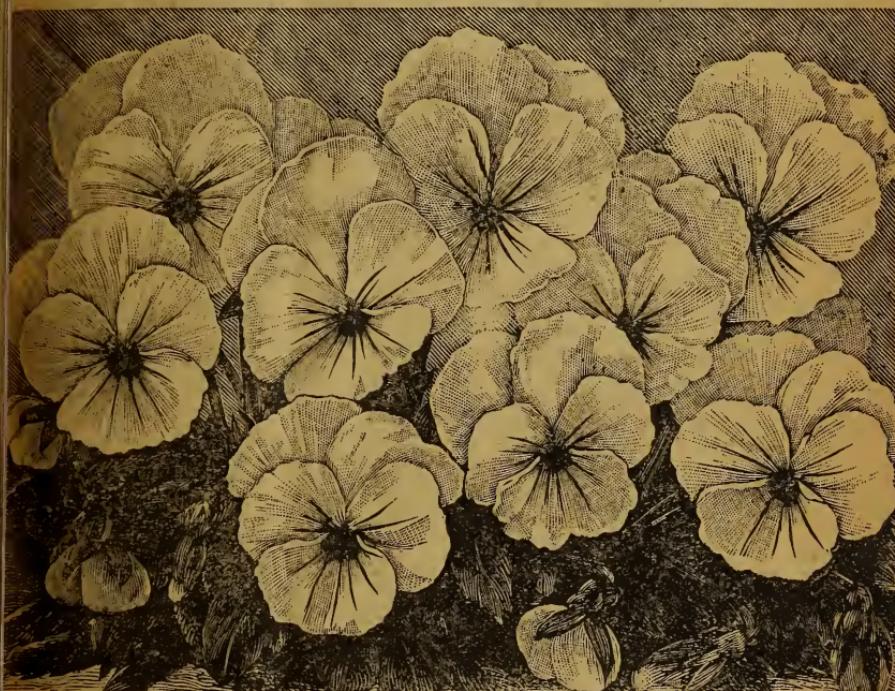
TUFTED PANSIES.

TUFTED PANSIES, often known as English Bedding Violets, are showy and beautiful garden flowers, bright in color and exquisite in fragrance. They are as easily raised from seeds as violets, begin to bloom as early, and are free and continuous in blooming. They have been popular as bedding plants in England and Scotland for many years, and may be found equally as desirable for this purpose in many parts of the United States.

The seeds may be sown in the spring for summer-blooming, but the most attractive

STARTING EVERGREENS.

In order to preserve seeds of Conifers and other Evergreen Trees it is best to keep them in perfectly dry sand until the time of sowing. For this latitude (N. Y) the seeds should be sown thinly, as early in the spring as the ground can be worked, in beds of fine, sandy loam. Cover to the depth of about the thickness of the seeds, and press the soil gently with the back of the spade to firm the earth around the seeds. Great care must be taken not to give too much water, as the young plants damp off very easily. Water with a very fine rose, but never so



VIOLAS—TUFTED PANSIES.

eds are produced by sowing the seeds in mid-summer, so that the plants will come into bloom in the autumn. They will then be young and thrifty, will endure the winter safely, and be a mass of bloom the following spring.

The fine engraving here given shows a plant of the White Perfection Tufted Pansy in bloom. The flowers are not so large as Pansy flowers, but you will notice they are very freely produced. Colors range from white to deep blue, also yellow and variegated.

Acalypha.—*Acalypha Sanderiana* I find of easy culture. Mine is growing and blooming nicely. It is admired by everyone who sees it. Mrs. Jno. J. Willer.

Favete Co., Ill., Nov. 12, 1902.

that the ground becomes soggy. Some shade must be used to protect the young plants from the hot, drying sun and winds, and also to keep the birds from destroying them. Seeds of the rarer sorts may be sown in cold frames or boxes. If in cold frames, the sashes should be shaded and the frames raised at the corners three or four inches, to allow the air to circulate freely. Keep the young plants well weeded, and allow them to remain from one to two years before transplanting.

A Subscriber.

New York Co., N. Y., May 2, 1902.

[NOTE.—The beauty of many of the Evergreens in hedges should make their propagation from seeds more general. With a little care plants are easily grown, and a supply for liberal use is thus readily and cheaply secured.—Ed.]

PRIMULA OBCONICA.

THESSE new plants are a great addition to the window garden, being as free flowering as the Chinese Primrose, less particular as to soil and situation, and of a great variety of colors.

Plants can be bought of blooming size, but can be raised from seeds if desired. If grown from seeds they should be planted in early summer, and the plants will then be ready to bloom by the holidays.

The flowers are **PRIMULA OBCONICA**. of good size, and come in plain colors, white, pink, rose, lavender and violet, some having fringed petals. Some of the hybrids from seeds of these plants show odd combinations of colors, often having an eye of strongly contrasting color, or penciling around the edge.

Bernice Baker,

Winnebago Co., Ill., Feb. 6, 1902.



Primula obconica.—If I could only have a very few winter-blooming plants, I would certainly have the above plant. The blossoms are beautiful, some white and some a delicate pink, borne in clusters in whorls well above the rosette of fleshy, rather hairy leaves, and it is always in bloom. Its culture is so simple a child can succeed with it. Leafmould, garden soil and sand forms the character of the soil in which to pot it. It prefers an east or north window, but will be content to do its best and make you happy with its lovely bloom anywhere, even in a south window. Mrs. Lillian Almald.

Washington Co., Kas., Nov. 29, 1901.

Success with Heliotrope.—Dear Mr. Park: I want to tell the sisters about my Bruant Heliotrope. Last spring I bought a three-cent paper of the seeds, which I planted in a tomato can. The soil was just ordinary garden soil, and I went out in the yard and scratched up a handful of sand and stirred round on top, then sowed the seeds and turned a glass saucerdish over the top of the can and set it on top of the kitchen range. In a little over a week the plants began to come up, and in three weeks there were twenty-four plants up. There will probably be more, as some are just peeping. I think that is pretty well with such fine seeds.

Mrs. C. A. Allen.

Ford Co., Kas., Mar. 18, 1902.

[NOTE.—Plants of the new Bruant Heliotrope are excellent for bedding. Give a sunny position and mulch liberally early in summer.—ED.]

PERENNIALS.

PERENNIAL flowers are my hobby, and what a pleasure it is to get as many representatives of each family as possible, and have them bloom side by side! When the plants are once established they require very little care, most of them continuing in bloom year after year without being reset or cultivated. Most of them are easily grown from seeds, which may be sown from May until the middle of July, giving the young plants time to become established before winter. Cover the bed with boughs, straw or leaves, and do not remove too early in the spring. If one does not care to grow from seeds, good plants may be obtained of any leading florist.

Everyone loves the old-fashioned Sweet Williams; the flowers have been so much improved in the last few years that they are really very beautiful. There are so many new varieties, too, striped, mottled, margined and plain, produced in great clusters. It requires six or seven days for the seeds to germinate.

Carnations and Picotees are hardy with some protection in most parts of our land. The Clove Pinks are hardy almost anywhere, and one bunch of them will perfume the whole yard. The Hardy Primulas are worth a place in any collection. Give the same protection as Pansies in winter. There are several varieties and colors.

Jessie Lynch.

Yamhill Co., Oreg., Feb. 1, 1902.

[NOTE.—For starting seeds in June and July prepare a bed at the north side of a picket fence, or where there will be partial shade. After digging and pulverizing the soil place a six inch board at the rear and three-inch one in front, sinking each an inch in the ground, and providing close ends. Then cover the bed half an inch deep with sifted loam or woods soil, treading it firmly with the feet and afterwards smoothing and leveling and pressing with a piece of smooth board. This done press rows about four inches apart, making them deep or shallow, according to the size of the seeds. Now sow the seeds, thinly and evenly, placing a label with name and date of sowing at the head of each row. If the seeds are small do not cover them. If large, cover to the depth of twice their diameter. When the bed is planted lay a piece of an old blanket or sheet the size of the bed over the soil, and sprinkle over this until the soil beneath is thoroughly saturated. Now cover the frame with boards to turn out all rain and keep out severe winds. When the plants begin to appear remove the board covering, and substitute plastering lath three inches apart, keeping it on only on bright, hot days, or at night. Always keep the soil moist, and remove the cloth over each row as the plants begin to show. On the approach of a storm replace the board covering to protect the young plants from the dashing rain, and remove again as soon as the storm is past. It seems strange that many persons will buy valuable, fine seeds and sow them in unprotected beds. Such careless treatment should only be given to such seeds as Balsams, Mirabilis, Zinnias, Nasturtiums or Morning Glories. If applied to finer seeds success would be almost miraculous.—ED.]

TO JUNE.

The sky, it is the truest blue,
That comes to plight its troth to you;
The sun could never shine more bright,
Than for your throne, fair queen, to light,
Or zephyr breezes softer blow,
Than when you call them to and fro.
And Roses seem to smell more sweet,
Whose petals scatter at your feet,
While louder hums the roving bee,
When sipping sweets bestowed by thee,
And birds, in praise, more sweetly sing,
For all the blessings that you bring.

Allen Co., Ohio. *Lizzie Mowen.*

GENISTA.

SHOWER OF GOLD, some of the poetically inclined call it. It is a shower of gold sure enough. The new Easter gown and Easter bonnet are no more spring-like than its many-branched self, every tiny twig bending, drooping or holding erect as best suits its fancy, its load of golden pea-flowers. Each flower is a wee one, but as bright as molten sunbeams, and so thickly borne that the whole plant is a ball of yellow. That is what we need in the spring—brightness. We are tired of dust and aphis, and of coaxed for blossoms. We are tired even of our faithful Primroses and Abutilons. We want something so riotous, that it might have grown outdoors, where dust has no terrors, and aphis ceases to be a burden. We want something bright, something that will dazzle our eyes. With the Tulip out-of-doors and the Genista in the window we have it. Why don't we see it oftener?

It is not hard to grow. Grow it just as you would a Geranium or a Plumbago. A mailing plant procured in the Spring will make a fair little bush by next spring. After it is through blooming trim it back by cutting in the branches, shift into a larger pot, and when the weather gets warm, plunge in some half shady spot to grow over summer. Don't let it suffer for water.

Lora S. La Mance.

McDonald Co., Mo.

Gladiolus.—Last summer I planted a quart of third sized Gladiolus bulbs and harvested a peck of fine bulbs. All bloomed but four. Plant in rich soil from four to six inches deep, according to the size of the bulb, and they will give you lovely flowers and healthy bulbs in return.

Allen Co., Ohio. *Mrs. J. L. S.*

Border for Walks.—Oxalis Deppei makes a fine border for walks and flower beds. Bulbs should be planted early in the spring, and in autumn should be taken up, and stored away with the Gladioli and other summer bulbs.

Jessie Lynch.

Yamhill Co., Oreg., Oct. 23, 1901.

BABY NASTURTIUM.

I WAS much pleased with these plants, which I raised for the first time last year. It is just as its name implies, a perfect Nasturtium, but very small, both foliage and flowers being less than half size.

The plants are especially nice for bordering flower beds, as they grow in small, compact bunches about six inches across, and when planted closely make a perfect border.

The flowers have the same refreshing fragrance as the ordinary Nasturtiums, and are of the same colors, many of them being striped and blotched.

They are fine for pot culture in the window, as they take up so little room, and produce so many blossoms in small space.

Bernice Baker.

Winnebago Co., Ill., Feb. 8, 1902.

The Madeira Vine.—In regard to vines let me say a few words in favor of the Madeira. If any desire a vine for the veranda, summer-house or window, they will find nothing more suitable than the waxy, green-leaved Madeira. Every spring we plant tubers out, and before long we have a trellis covered with this beautiful vine. It is of very rapid growth.

Laura Lindley.

McLean Co., Ill., Feb. 17, 1902.

TALKS OUT.**Doctor Talks About Food.**

It is often the case that doctors themselves drift into bad habits of food and drink although they know better, but doctors are human you know like the rest of us, but when they get into trouble they generally know better how to get out of it, and the "food route" is a common one among them.

Dr. H. Barber of Laurel, Ind., concluded that coffee and badly selected food was the cause of his stomach trouble and his loss of weight from 184 pounds to 153 pounds with nerves impaired and general nervous break-down.

He did not give coffee up at once but began the use of Grape-Nuts and says, "Within a month I could see a wonderful change had taken place due to the use of the new food. I decided to give up coffee and use Postum in its place. So regularly for a time I have been on a breakfast made up of Grape-Nuts, a little graham bread, and Postum Food Coffee. My weight has increased to 174 pounds, my stomach trouble has entirely gone and my mind is clear and vigorous as ever. Wishing you every success I beg to assure you of my warm appreciation of Grape-Nuts and Postum,

IF ONLY I HAD.

Had I your beauty's royal dower,
Oh crimson hearted Rose,
I would not waste my sweetness on the
breeze,
But dwell in splendid palaces of ease.

Had I your gauzy flitting wings,
Oh golden butterfly,
I'd seek o'er all the earth the fairest flowers,
And rest in cool retreats of un-wreathed
bowers.

Had I your matchless gift of song,
Oh soaring meadow lark,
I'd move the world to tears and gladness
With strains of mingled joy and sadness.

Mabel Cornelice Matson.

Onondaga Co., N. Y., Feb. 8, 1902.

PRESSED FLOWERS.

HERE is something for the boys and girls. How many of you ever tried making a herbarium?

Now if you do not feel like spending the money for one, go to the printing office and get some white unprinted paper, or better still, some stiff cardboard. Get a sheet of white blotting paper for a cover, cut the paper or cardboard the desired size, cut strips of blotting paper an inch wide, the length of the leaves, put between each leaf at back, cut the covers a trifle larger than the leaves, and tie together in about three places with narrow ribbon. If you paint either water or oils, paint a pretty spray of flowers carefully across the covers, if you do not, arrange some choice pressed flowers for the decoration.

Now we have the herbarium; let's see about the flowers. Single flowers press better than the double ones. Ferns are especially pretty pressed.

For fastening the flowers in the herbarium, take a large piece of white paper, and with a small paint brush, cover it thickly with mucilage, let it dry, cut in strips about an inch long and a quarter of an inch wide, and put these across the stems of the flowers to fasten them.

Write under each cluster of flowers the date and place of gathering, and perhaps a few remarks about them, which will afford you much pleasure in years to come.

Press more flowers than you need for your herbarium, as you can make so many pretty gifts by fastening the flowers securely to cards made of blotting paper, cut with a rough, ragged edge, which can be gilded with a narrow margin. When you once get to work at this delightful occupation, many new ideas will present themselves, which you never would think of until you get interested. Using one idea makes room for another you know.

I hope a good many younger readers

will try this and write the results for the Magazine. Now is just the time for pressing flowers, before the spring flowers are gone. I will suggest a few cultivated flowers that I have pressed successfully: Pansies, Nasturtiums, Petunias, Calliopsis and Phlox.

Cousin Electa.

Hunterdon Co., N. J., April, 5, 1902.

COLLEGE COMPLEXIONS.

Can be Ruined by Coffee.

Nothing so surely mars a woman's complexion as coffee drinking. A young college girl of Hyattsville, Md., says, "I never drank coffee up to the time I went to college, and as long as you are not going to publish my name will admit that I was proud of my pink and white complexion, but for some reason I began drinking coffee at school and when vacation came I looked like a wreck. Was extremely nervous and my face hollow and sallow.

All my friends said college life had been too much for me. After questioning me about my diet Mother gave me a cup of strong, rich coffee at breakfast although formerly she had objected to the habit, but the secret came out in a few weeks when everybody began to comment on my improved looks and spirits. She said she had been steadily giving me Postum Food Coffee and I did not know it.

My color came back, much to my delight and I was fully restored to health. I will return to college without the slightest fear of losing ground for I know exactly where the trouble lies.

Mother says the first time she had Postum made no one would drink it for it was pale and watery, but the next day she did not trust to the cook but examined the directions and made it herself. She found the cook had just left it come to the boiling point and then served it, and it was tasteless, but the beverage made according to directions, by proper boiling, is delicious and has a remarkable 'taste for more.' One cup is seldom enough for Father now.

I have a young lady friend who suffered several years from neuralgia and headache, obtaining only temporary relief from medicines. Her sister finally persuaded her to leave off coffee and use Postum. She is now very pronounced in her views as to coffee. Says it was the one thing responsible for her condition, for she is now well and the headaches and neuralgia are things of the past. Please do not publish my name." Name can be given by Postum Co., Battle Creek, Mich.

The following verses were written by a friend of the who lived for many years with his dear mother aged 84 years, in their lonely mountain cottage. Some years past the Editor aimed to bring cheer to the modest home by an hour's visit on Thanksgiving Day, as the mother referred to was a close friend of the Editor's mother in days gone by. In ding in the communication the son wrote, "These words came to me as I mused upon the rare beauty bed of Pansies which my dear aged mother and I used to admire together. How I miss that dear and kindly face God only knows." The attachment of mother and son for each other was most intimate and endearing. The son was all to her, and mother all to him. The recent call of Death has the little home most desolate. The son still is there, now all alone, in the humble mountain cottage adorned with vines and flowers, the gling of the little mountain stream near-by, and plaintive notes of the hermit thrush calling—back to the earlier days. Truly the thought of attachment, separation and desolation and illness, as well as the surroundings are touchingly tragic, and might well be a theme for the poetic. Who will write it up?—ED.]

PANSIES.

You may talk about the splendor
Of the flowers fair and tall,
But the modest, sweet-faced Pansies
Are the sweetest flowers of all.

As they nestle close together,
With their fragrance rare and free,
Ah! the darling, winsome Pansies
Are the fairest flowers to me.

Pansies are for thoughts, they tell us,
Kindly thoughts, I mean, for all;
As I look upon their faces
They seem ready now to call—

Call me back unto the past time,
When my life was one sweet song,
Call me back unto the dear time
When the friends that now are gone,

Wandered with me in the garden
To enjoy the mild perfume,
And admire the precious beauty,
Of the Pansies in their bloom.

Yes, how oft I think of Mother,
Kind and patient, loved by all;
She has gone to live with Jesus,
But the Pansies seem to call,

By their pure and matchless beauty,
As they face the deep blue sky,
They seem ever pointing upward,
To the other life on high—

Life of love and life of Heaven,
Where the weary are at rest,
Where the King that "made the flowers"
Welcomes all the beautiful blést.

And may all who love the flowers
Learn to love God's blessed Son,
And to join in Heaven His praises
When our work on earth is done.

J. J. Lessig.

Franklin Co., Penna., April 21, 1902.

CORRESPONDENCE.

Mr. Park:—We have taken your little Magazine for the last three years, and think it is essential to our success in raising flowers as in watering-pot. The many helpful hints and suggestions we have received through its pages are too numerous to mention.

We have several large Rose bushes in our front yard, also four small flower beds. They are in a handsome appearance. We have considerable trouble in the winter time to keep our house plants from freezing. Most of them are put down cellar. A few of the best we keep in the kitchen, and wrap large newspapers round them every night. We have one large plant that is now in bloom. Green plants in the house are such a contrast to the bleak world outside at this time. J. J. Beck.

Waushara Co., Wis., Mar. 4, 1902.

Secret of Health.

After Fifty Years of Constant Study Dr. J. M. Peebles, of Battle Creek, Mich., has Perfected a Treatment That Gives Hope to Every Sufferer.

Write for His Valuable Book which Explains Fully this Wonderful Treatment.

Test the Treatment Free!



"A Message of Hope" is the title of this wonderful book which is truly a message of hope to all suffering humanity. It reveals the greatest system of treating diseases known to the scientific world and makes the impossibilities of yesterday the realities of today. So sure is the Dr. that the treatment will cure all chronic sufferers that he has instructed the Institute of which he is Physician-in-Chief to give every reader of PARK'S FLORAL MAGAZINE several days treatment absolutely free, just to demonstrate to them that health is within their grasp. If you are in poor health write at once addressing Dr. Peebles Institute of Health, Ltd., Battle Creek, Mich., Drawer 04, stating your troubles, that they may prepare a special treatment to fit your exact condition. They will also send you their book "A Message of Hope", explaining their wonderful system of treatment and a full diagnosis of your case with their professional advice.

CORRESPONDENCE.

Mr. Park:—I have just fastened together the twelve numbers of Park's Floral Magazine and the three Catalogues for 1901, and I think they make a valuable book. It is with regret I remember my mutilated volumes of previous years, because I fear they cannot now be restored, and the numbers lost through the mail, and through my mistaken kindness, cannot now be replaced. I hope that I will not grow really selfish in my old days, but I also hope that I will have strength of mind to resist in the future when someone wants to borrow my Floral Magazines. Now that fifty cents will procure the Magazine for five years, and a liberal trial may be had for one dime, I think it folly to either borrow or lend. S. T.

Spokane Co., Wash., April 29, 1902.

Mr. Park:—Your handsome Magazine comes to hand regularly, and when I receive extra copies I hand them to flower-loving friends who appreciate them. With the advice in the Magazine I am very successful with flowers, and they are admired by all who see them. Mrs. H. M. Lambert.

Weber Co., Utah, April 7, 1902.

Can You Knit or Crochet?

\$1,000.00 in Prizes

is offered by the well-known and responsible firm of CALHOUN, ROBBINS & CO. (established over 50 years), for the best specimens of knitting or crocheting done with their



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The following prizes will be awarded by a Committee of Experts, selected by editors of "Delineator," "Harper's Bazar" and "McCall's Magazine."

One Prize, \$200.00	Two Prizes, \$50.00
" " 150.00	Four " 25.00
" " 100.00	Five " 15.00
" " 75.00	Ten " 10.00
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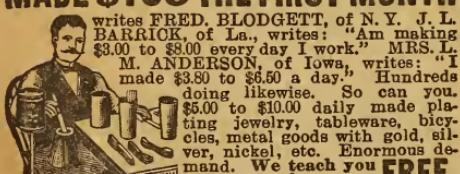
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10 DAYS FREE TRIAL For the most wonderful bicycle offer ever heard of, write for our free 1902 Bicycle Catalogue. Address, SEARS, ROEBUCK & CO., CHICAGO.

MADE \$105 THE FIRST MONTH



writes FRED. BLODGETT, of N. Y. J. L. BARICK, of La., writes: "Am making \$3.00 to \$8.00 every day I work." MRS. L. M. ANDERSON of Iowa, writes: "I made \$3.80 to \$6.50 a day." Hundreds doing likewise. So can you \$5.00 to \$10.00 daily made plating, jewelry, tableware, bicycles, metal goods with gold, silver, nickel, etc. Enormous demand. We teach you **FREE**. Write—offer free.

G. GRAY & CO., Plating Works, A Miami Bldg., Cincinnati, O.

Dear Mr. Park:—My mamma is taking your Magazine this year, but gave me money so could take it too. I like to read the Children's Letters. We have lots of flowers, but I would like to have lots more. In our yard we have white and purple Lilacs, white, pink and Peonies, white Spireas, Syringas, purple Bleedingheart, eleven kinds of Lilies, and colors of Roses. I have lots of wild flowers and Ferns that Papa and my two brothers brought from the woods. I want to get some Tulips from you in the fall. I have two brothers and one little sister dead. I like to have nice flowers for her grave. We have a nice long swing hammock, and a black curly dog for a pet. I am ten years old.

Nellie Garnet Moore
Carroll Co., Ohio.

Dear Mr. Park:—Grandma takes your Magazine. I love flowers very much. I have four dolls and one kitten, she is so awful playful. Go to school and am in the fourth reader. I am eleven years old. I was reading the Children's Corner last night, and I told mamma I thought I would write to you and see if my letter would reach the Children's Corner.

Hattie L. Currie
Ionia C. Mich., Feb. 1, 1902.

Dear Mr. Park:—I am a little girl eleven years old. Mamma takes your Floral Magazine. I enjoy reading the Children's Corner. For pets we have one cat and twelve little chickens. My brother Clair has a goat, it is one year old and a very noisy. Pansies are my favorites. I like to see your Magazine come.

Edith Bartley
Butler Co., Pa.

Dear Mr. Park:—I am nine years old. I go to school. I am in the fourth reader. My mamma takes your Magazine. I like to read the Children's Corner. I have a little brother four years old. For pets we have two little kittens.

Stephen H. Brooking
Windham Co., Conn., Feb. 15, 1902.

Dear Mr. Park:—I am eleven years old, and go to school eight months out of the year. I will be in the seventh grade next winter. I have one sister and three brothers. Mamma takes your Magazine and likes it very much.

Ohio Co., Ind.

Leila Richmond

Dear Mr. Park:—I am a little girl fourteen years old, and you and I have been friends. Your Magazine which you sent me each month I am pleased with it, and have gained some information by reading it.

M. M. Byrne

Somerset Co., Pa.

Mr. Park:—The Magazine I could not possibly get along without. I have learned to love it. I do my beautiful flowers. I often sit up nights reading my Magazine over and over again.

Mrs. N. J. Hungerford

Oswego Co., N. Y., April 10, 1902.

A CHANCE TO MAKE MONEY.

I have berries, grapes and peaches a year off fresh as when picked. I used the California Cold Process. Do not heat or seal the fruit, just put it up cold, keeps perfectly fresh, and costs almost nothing; can put up a bushel in ten minutes. Last year I sold directions to over 100 families in one week; anyone will pay a dollar for directions when they see the beautiful samples of fruit. As there are many people here like myself, I consider it my duty to give experience to such and feel confident anyone can make one or two hundred dollars round home in a few days. I will mail sample of fruit and full directions to any of your readers for nineteen (19) two cent stamps, which is less than the actual cost of the samples, postage, etc. FRANCIS CASEY, St. Louis, Mo.

WANTED Men and women to work for you on salary or commission. Good wages and steady employment. Huntingdon Supply Co., Huntingdon, Pa.

SILK REMNANTS for Fancy Work, Quilts, Sofa Cushions, Head Rugs. A variety of colors, all Bright, Fashionable and Handsome. Sample Free.

DIAMOND SILK CO. Box 201. PALMYRA, PENN.

THIS HANDSOME COUCH FREE.

No Money Required.



say the freight, & will trust you. Write to-day.

KING MFG. CO., No. 226 King Bldg., St. Louis, Mo.

FARFUGIUM GRANDE.

A subscriber in West Virginia sends the Editor leaf of Farfugium grande with the following text:

Mr. Park:—I enclose you herewith a leaf from a plant which I have had for a considerable time, but have never found out the proper name for it. When leaves get the size of the one enclosed, they get a very look, then get spotted and die off, so that my plant never reaches any size. Please inform me as to the name, and how to care for this plant, as I am anxious for mine to grow large. I have it potted in rich earth, give it sufficient water and plenty of sun. Is this the right thing to do for it? I like your Magazine very much. I am a lover of flowers, and find much help in the "Floral Magazine".—Mrs. W. K., April 5, 1902.

The plant is almost hardy, and thrives well when bedded

in a place partially shaded and sheltered, ants that come unhealthy or pot culture often re-in vigor when bedded in such

FARFUGIUM GRANDE.

plants should be potted again in the fall and kept in a cool, frost-proof room during winter. Avoid liberal watering except during the warm, owing period. A compost of rotted sods, sand and manure suits it. Keep semi-dormant during inter. The leaf sent was troubled with a fungus. Such leaves should be gathered and turned as soon as the spot shows.

Mr. Park:—I highly appreciate the Magazine. It is very busy work who wish to raise flowers is just the thing. It is all in a nutshell, and the index is a valuable feature, if one keeps them file as I do. Mrs. N. L. Brigg.
Trail Co., N. D., Apr. 9, 1902.

READY WORK, good wages, no canvassing either sex. Send stamp. Box 369, South Bend, Ind.

We Pay the Freight. Here is our new plan. To every lady who sells 20 cans of our Columbia Baking Powder, etc., (on our Plan No. 59), giving free to each purchaser, a beautiful Glass Pitcher, and 6 glasses, we give this handsome upholstered Couch free. It is over 6 feet long & over 2 feet wide; fitted with 26 tempered steel springs on a strong wood base. Covered with beautiful Damask, and Fringed on bottom. Remember, every one of your friends receives a handsome Water Set free with every purchase. No trouble at all to take orders this way. No money required in advance. Simply send your name and address and we will send you our order, blank, plans, etc. We will send you this Couch, Baking Powder, etc., and allow you time to deliver goods & collect the money before paying us one cent. You run no risk, pay the freight, & will trust you. Write to-day.

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At home or traveling. Let us start you. Our Puritan Water Filter—a wonderful invention. Great seller—big money maker. Enormous demand. Over 50,000 already sold. Everybody buys. It purifies the foulest water by distillation—removes every impurity. Furnishes absolutely pure, aerated, delicious drinking water. Beats Filters. Saves lives—prevents fevers, sickness, doctor bills—cures disease. Write for NEW PLAN AND OFFER.

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FREE

To every lady who sells 10 cans of our Baking Powder, etc., (on our Plan No. 65) giving to each purchaser free a beautiful Glass Sugar Bowl, Butter Dish, Cream Pitcher and Spoon Holder, we give this handsome Oak or Mahogany finish Rocker, free. No money required in advance. Simply send your name and address and we will send you our plans, order blank, etc. We will allow you time to deliver the Baking Powder and collect the money before paying us. You run no risk, as we pay the freight, and will trust you with the Baking Powder, Rocker, etc. We also give away 112 pieces Dinner Sets, Dress Skirts, Couches, Furniture, Tables, etc., for selling our goods. Address KING MANUFACTURING CO., 733 King Bldg., St. Louis, Mo.

QUESTIONS

King Rex Begonia.—I have a plant that gets dark spots on its leaves, and in time all wither up and drop off. How shall I treat it.—C. I., Salem Co., N. J.

Roses.—Will the floral friends give a list of everblooming hardy Roses that are suitable for cut flowers. I find most of the Roses fade so soon after cutting that they are almost worthless for that purpose.—Mrs. Westen, Pa.

Mr. Park:—Your Floral Magazine is indeed a gem. We have put into practical use many of the hints read in its pages. I will always recommend it to all flower-lovers. J. J. Beck.
Waushara Co., Wis., Mar. 4, 1902.

ROEMER'S GIANT PRIZE PANSIES.

For many years Mr. Frederick Roemer, of Germany, has given the Pansy special attention, and as developed a race which, for size, variety and attractiveness cannot be surpassed. The plants are of thrifty, compact habit, and the flowers of enormous size, and exhibit wonderful colors and rich variegations. There are no finer Pansies in the world than Roemer's Giant Prize, and I offer a collection of 10 packets, embracing all shades and variegations, as a premium to anyone paying 25 cents for a year's subscription to the FLORAL MAGAZINE, as follows:

White, in variety, pure white, white with eye, white with spots, white shaded, etc.

Red in variety, bright red, rosy red, rich scarlet, red with tints and shadings, etc.

Blue in variety, dark blue, dark violet, rich purple, and blue margined, etc.

Black in variety, coal black, black blue, jet black, dark violet, purplish black, etc.

Yellow in variety, rich pure yellow, golden yellow, yellow with eye, shaded, etc.

Striped and Flaked, all distinctly striped and flaked and splashed etc.

Blotched and Spotted, pure ground colors with peculiar and odd markings.

Shaded and Margined, margined and rayed in beautiful tints and shades.

Azur in variety, light blue, ultramarine, azure, lavender blue, strikingly marked.

Mixed Colors in variety, superb shades and markings, many rare varieties.

If you are already a subscriber you can have the MAGAZINE sent to any flower-loving friend. It will be appreciated. If you wish a grand bed of Pansies next spring—a bed rivaling the Tulips in show and beauty, sow the seeds during summer. Try it. You will be astonished and delighted with the result.

GEO. W. PARK, Libonia, Franklin Co., Pa.





Hypnotism

Personal Magnetism! Call it what you will! It's the most wonderful, mysterious and powerful force in the world. By this mystic, unseen force of nature you can control whom you wish, create endless fun and wonder, reform the degraded, heal the sick and afflicted, make others love and fairly worship you, attain your ambition, and make money easy. Write to-day for my book, "An Illustrated Lesson in Hypnotism," and learn to hypnotize. It is **FREE**. Address, Prof. L. A. Harraden, JACKSON, MICH.



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FREE CURE FOR STOMACH AND BOWEL TROUBLES.

C. H. ROWAN, NORTH MILWAUKEE, WIS.

Flowers Mentioned in June Magazine.

Seeds of the flowers mentioned in this number of PARK'S FLORAL MAGAZINE can be purchased at the following prices:

Anchusa affinis, per packet.....	3	Clove Pinks, single and double, mixed.....	3	Nicotiana affinis.....
Aquilgia, large-flowered, mixed.....	3	Clove Pinks, Park's Everbloom.....	3	Pansies, Romeo's Giant, mixed.....
Asparagus, decorative, mixed.....	3	ing, mixed.....	3	Park's Star Flower, 4 packets...
Baby Nasturtium, mixed.....	3	Digitalis, Foxglove, mixed.....	3	Portulaca, mixed.....
Biennial and Perennial seeds, mixed.....	3	Genista, crimson and gold.....	3	Primrose, Chinese, double, mix'd.....
Bird of Paradise.....	3	Hardy Primrose, mixed.....	3	Primrose, Chinese, mixed.....
Brunat Heliotrope, mixed.....	3	Kenilworth Ivy.....	3	Primula obconica, mixed.....
Campanula, Canterbury Bell, mixed.....	3	Kochia Scoparia.....	3	Seeds for Schools, per doz. pkts.....
Carnations for Borders.....	3	Lobelia, for baskets, Royal Purple.....	3	Sweet Williams, Giant, mixed.....
		New Giant Maize, 4 packets.....	10	Tatiges signata pumila.....
				Tufted Pansies, mixed.....

Three Prize Gold Watches.

I offer a fine Gold Watch

to the person sending in the largest club of subscribers to PARK'S FLORAL MAGAZINE before August 1, 1902. These subscribers may be secured at 15 cents each for trial subscribers, each getting a package of Maize and one of Star Flower. Or the subscriber may pay 25 cents and select 6 plants from the list of plants given in the Magazine, or eight packets of seeds from the seed list. Or, the may be five-year subscribers, paying 50 cents, without premium Blank lists, samples and full particulars about club raisin sent on application.

The other Prize Watches are offered—one for the tallest plant of the New Giant Variegated Maize, and one for the largest plant of Park's Star Flower, seeds of which are offered as a premium to subscribers paying 15 cents, as above offered.

These Watches are all fitted with either Elgin or Waltham works and will be supplied in either ladies' or gent's size, as desired.

Last year a Gold Watch was offered for the largest plant of Park's Star Flower. This was secured by Miss Bertie Posten, of Wytheville, Virginia, who, under date of April 14, writes:

"Mr. Park:—With great pleasure I acknowledge the receipt of my watch, awarded as a prize for growing the largest plant of Park's Star Flower. I am delighted with it, and you will please accept my heart-felt thanks for it."

Reader, you might just as well have one of these watches. A yet the largest club received is but 36 subscribers at 15 cents each (\$5.00), the amount not equal to one-fourth the value of the Watch alone. I ought to get a club of at least 100 subscribers, and a little canvassing in almost any community would secure that number. Who will get the fine Watch offered for the largest club? Will you let it go to the person who has sent in only 36 subscribers?

And who will get the other Prize Watches? Both Giant Maize and Star Flower may be grown in pots, and will be found desirable for decoration for a sunny window, if you do not have room out-doors for them. Send at once for blanks, sample copies, etc.

Address

GEO. W. PARK, Libonia, Franklin Co., Pa.

BRIEF ANSWERS.

Gourds.—These are useful for many purposes. Fruits of the various *Lagenarias* make dipped bird boxes, sugar troughs, lard cans, and receptacles for salt or other materials. The fruits are placed in a dry, sunny place till they are dry, then cut and excavated as desired. The small, fancy gourds are fine toys for children, and the net-work of the dish-rag Gourd make fine scouring cloth that is unequalled. It can also be made into very handsome fancy articles. The vines are all of vigorous growth, and desirable for covering trellises, summer-houses, or buildings.

Rat-tail Cactus.—This is the common name for *Cereus flagelliformis*. It is an easily-grown Cactus, excellent for a trellis or basket, as it will bloom every season, bearing showy flowers. Give it a sandy, well-drained soil and a sun-situation in summer; water freely while the plant is active. In winter set in a dry, rather cool but frost-proof place, and water on enough to keep it from drying up. To promote blooming avoid shifting often, or using a larger pot than is necessary.

Tritomas.—These are hardy summer-blooming plants which may be grown in a well-drained sunny bed. A rich, porous sandy soil is the best. Keep it well stirred, and mulch the bed with stable litter in hot weather. The plants may also be grown in pots, keeping them in cool, airy cellar in winter.



GOSSIP.

Dear Sisters:—I am not a florist, but as someone termed me, I am a "floral crank". Sometimes, after I have written in praise of a flower, I get a letter from someone who has tried that particular plant on the strength of my recommendation, and he or she feels aggrieved because it proved a disappointment all around. I always feel like a confessed fraud after reading such a letter. Did you ever notice how a mother speaks of her children's good qualities, and never of their bad? It is "Mary is so quick", and "John studies so hard", never, that Mary is lazy, or that John is cross to his little sisters. And so we writers do unconsciously keep our floral children's faults in the back-ground. There is probably no plant that is absolutely free from every fault. And yet I do believe that most florists' plants would give good satisfaction if they had first class planting out and attention. But they don't have it, and there's the rub. It has often been remarked that the thrifty villager who sells Onions, Rhubarb, Radishes and Lettuce to his more backward neighbors each spring, is nearly always a German. Yes, if you want to see fine Stocks, Asterias, Dahlias and Pansies, you want to visit the homes of some of our hard working Germans. Their flowers are always fine. Why? Because they are a practical people, and have learned the true secret of successful plant culture—and that is intensive and thorough culture. It works as well in raising flowers as in growing field crops. They get the best stock in the first place, be it seeds, bulbs or plants, then they give the best of culture. They make the ground exceedingly rich, and work it deep and mellow. They use the hoe as they used manure, without stint, and they have fine flowers and lots of them to show for their trouble. For instance, choose the best varieties of Roses, plant them in deep, rich earth, in the sun, mulch them and let not a weed grow, and you will have Roses as large, as finely cupped, and as deeply colored as those pictured in the catalogues. The perfect Dahlias and grand Chrysanthemums that attract all eyes at our fairs and shows, are no larger and finer than any of us can raise if we pot in time and water and feed well. The immense, seven-foot Begonia rubra with clusters of flowers from top to bottom, and not once out of bloom in three years time, had been treated to a special root diet of peat, leaf-loam and silver-sand, and was kept as free from dust or draft as my lady's album on the parlor table. It is good care that makes perfect plant specimens. Good care does not mean fussiness. It means giving plants just the kind of attention they need at just the right time. It means keeping them clean and giving them plenty to eat, and any of us can do that much, if we really try. We do not try, and there's the rub.

Lora S. La Mance.

McDonald Co., Mo.

Covering Seed Boxes.—Mr. Park:—I have an innovation for covering seed boxes which I like so well. It is the moss in which the florists pack plants. It keeps the seed bed moist, admits air better than cloth or paper, and when some seeds germinate more quickly than others, as is always the case, it can be pushed away from those, leaving the rest covered. I have just received your Catalogue.

Mrs. N. M. Briggs.

Trail Co., N. D., April 9, 1902.

[NOTE.—The only objection to the moss is, that such plants as are subject to damping off are more readily affected by the disease when moss is placed over the soil, as it cannot all be removed when the plants appear. Cloth can be cut into narrow strips as the plants appear, and a strip removed from the germinating row.—ED.]

Narcissus Biflorus.—Mr. Park:—If Chattie (Mich.) will procure bulbs of Narcissus Biflorus I think she will find it identical with the "Cup and Saucer" or Primrose Peerless, of her mother's garden.

S. O. M.

McLeod Co., Minn.

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It is not a face powder, cream, cosmetic, or bleach, and it contains no oil, grease, paste, or poisons of any kind, but is a purely vegetable discovery and leaves the skin clear, soft and velvety. Anyone sending their name and address and 4 cents to cover postage, to Mrs. Josephine LeBlare, 45 Hall Bldg., St. Louis, Mo., will receive a free package of this wonderful beautifier in a plain sealed wrapper by mail prepa-

Miss M. McKELVY,
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New York, writes:
"I was so embarrassed with blackheads, freckles, and pimples that I would not go into society. I flooded my home with complexion remedies, but my complexion defied them all. I sent for a Package of your Beauty Producer, and in two weeks' time there was no trace of a pimple, black-

head or blotch on my face or neck. My skin is now without blemish or wrinkle anywhere."

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LADIES

Write to-day for a FREE sample of ALLEN'S FOOT-EASE, a powder to shake into your shoes. It makes tight or new shoes feel easy. Cures Corns, Bunions, Chilblains, Aching, Swollen, Smarting, Hot, Callous, Sore and Sweating Feet. Thirty thousand testimonials. All Drug and Shoe Stores sell it, or by mail, 25c. Address for sample, Allen S. Olmsted, LeRoy, N. Y. Lady Agents wanted everywhere.

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ago I took your treatment and in less than 3 months I LOST 70 LBS. in weight and have not gained an ounce since." Miss Grace Smith of Linden, N. Y. writes: "Five years ago I took the Hall Treatment and was reduced 38 POUNDS in weight. The reduction is permanent, as I have not gained an ounce in weight since then." We will give \$100 IN GOLD to any one who can prove that any of our testimonials are not genuine. DON'T do anything or take anything until you hear from us; we have something important to tell you about how to MAKE REMEDY AT HOME at a trifling cost, and also other valuable information. To any reader of this paper who will write to us at once we will send full particulars and a few days' Treatment Free in plain package

upon receipt of four cents to cover postage, etc. Correspondence strictly confidential. Ad. all letters to Hall Chemical Co., Dept. 150, St. Louis, Mo.

GOSSIP.

Dear Floral Band:—What lovely flowers you have, Mary, and how nice they grow. You always have such luck with flowers! I wish I'd been born under a lucky star; but I don't get time to bother with flowers. So a calier ran one day, at my house. I told her I couldn't live without my flowers, they were as necessary as something to eat. She went on: I once had a Geranium. Mrs. B.— gave it to me, and if it wasn't in a little bit of a can, with a bloom on it, too. I put it right in a gallon pail, so it would have room to grow. It grew well enough, but the contrary thing never would bloom, so I let it freeze last winter. By this time I got in a word, while she gasped for breath, and I said, Geraniums want to be rootbound before they will bloom. She said she never did believe in humorizing plants or children either. She said her nurse had the best luck. I do believe that girl can stick a dry leaf into the ground and have it grow. Its just pure luck. Say, I just admire those Easter flowers you have in bloom, pointing to a bed of Tulips. She said she wanted some of them, told John she thought them lovely. I told her they had to be planted in the fall. She seemed disappointed when I told her I'd just bought them last fall, but would send for her if she wanted to buy some next fall. She said she never did believe in wasting money on such things, when she would find someone that was throwing them away, anyway. I'll wait awhile I guess, so she said good-bye. I felt glad that I considered plants necessary, and money not wasted that was spent for them.

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CORRESPONDENCE.

Mr. Park:—My flower plants have their share of my regard just now. My year-old Achania has bloomed freely through January. That unpretentious beauty, Olea Fragrans, is sweeter than aught else, unless it be Hyacinths, now budded and reaching up rapidly toward the blossom point. Goldfussia can always be depended upon to give a profusion of delicate, lavender flowers. My double Primulas from Park's seeds are in full beauty now. I cannot see that they are any prettier than the single sorts. These latter are much larger than they used to be. No Cactus blossoms in winter with me but the Crab, and it is still unfolding its great crimson buds into wondrously beautiful pendants. And everywhere Begonias uphold great, waxy clusters of various tints. Truly it looks not at all wintry in my rooms, and the zero weather outside makes one thankful for the summery fragrance and greenness within.

Lydia W. Baldwin.

Kent Co., Del., Feb. 4, 1902.

Mr. Park:—S. Minerva Boyce, in the January number, speaks of having acquired twelve distinct varieties of Gladiolus from two bulbs, the colors of the progeny differing from those of the original stock. I was not aware that bloom of Gladiolus bulbets ever differed from that of the parent bulb in any particular, or that Gladiolus bulbs ever changed character from year to year. For several years I have raised quantities of named bulbs and kept careful note of same, and have never detected any variation. Will other growers of these bulbs please report their observations along these lines?

Susan O. Moberly.

McLeod Co., Minn., March 27, 1902.

YELLOW FLOWERS FOR WINTER.

For winter-blooming Senecio petasites can always be relied upon. The foliage is broad and Sycamore-like, and the panicles of bloom are not unlike Cineraria, though much coarser in texture. A bright but ephemeral flower is Linum trigynum. The plants of this are not so easily grown as those of the Senecio, but those who succeed with it always speak well of it for winter-blooming. Tagetes signata pumila, the dwarf American Marigold, blooms very freely in a sun-



TAGETES SIGNATA PUMILA.

ny window, and is handsome in both foliage and flower. When disturbed the foliage has a peculiar fragrance which is much enjoyed by some but disliked by others. To have fine plants for winter sow seeds in mid-summer and grow the plants in pots, shifting to larger pots as the plants require. Among bulbs the Buttercup Oxalis, Narcissus Maximus, Van Sion and Soliel d'Or are all fine yellow-flowered plants that will bloom well in winter in pots.

Don't worry, don't suffer, don't divorce; find a cure in Dr. Foote's New Home Encyclopedia—"the family medical bible." Costs only \$2.00—saves \$200. Sample books, 10 cents. M. H. Pub. Co., 129 E. 28th St., New York.

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MORE ABOUT THIMBLE BERRY.

Mr. Park:—Will you allow me to tell what I know about the Thimble Berry? On the border between Idaho and Washington I found clumps of low, bushy shrubs bearing broad leaves and showy white flowers that somewhat resembled single Roses. The settlers there called them Thimble Berries. I was just beginning the study of Botany. I could not make this plant out to be the Thimble Berry as described in Gray's Text book. But later, when I got a popular California Flora, I had no trouble in tracing this plant, as I had pressed a few flowers and leaves. The description as given by Rattan is as follows: "Rubus Nutkanus, Mocino, Thimble Berry. Stems erect, three to eight feet high, older bark shreddy, no prickles; leaves four to twelve inches broad, flowers large, white, rarely rose-colored, an inch or more across; fruit red, large."

Here is the same author's description of Salmon Berry: "Rubus spectabilis, Pursh, Salmon Berry; stems five to ten feet high, similar to last, R. Nutkanus, but armed with a few prickles; distinguished by its large red flowers and cylindrical-ovoid, yellow or purplish berries. In Coulter's Manual of Rocky Mountain Botany I find Thimble Berry given the common name for Rubus occidentalis, the same as in Gray's Text book, while he calls R. Nutkanus Salmon Berry. This author's description gives more details than the one quoted, but his authority is the same, Mocino. In Gray's Field, Forest and Garden Botany R. Nutkanus is simply called white-flowering Raspberry.

To sum all this up, I find there are three species of Raspberries that have inter-changeable common names, Rubus occidentalis, Black Raspberry, Black Cap or Thimble Berry, (Gray, and also Coulter); Rubus Nutkanus, Salmon Berry, (Coulter); Rubus Nutkanus, Thimble Berry, (Rattan); Rubus spectabilis, Salmon Berry, (Rattan);

Perhaps this will prove that all were right, though all were in the wrong.

Susan Tucker.

Spokane Co., Wash., May 5, 1902.

EUCHARIS AMAZONICA.

A sister in Decatur, Ill., wrote to the Editor as follows:

Mr. Park:—I have had a bulb for four years, and would like to know its name and its culture. It is a small bulb, with broad, ridged, plantain-like leaves only much larger, darker and thicker. It throws up a large Amaryllis-like stalk, crowned with several white, fragrant flowers shaped somewhat like Poet's Narcissus. It blooms in the fall.

Mrs. W. H. Davis.

Macon Co., Ill., March 2, 1902.

The above is an accurate description of Eucharis Amazonica, a hot-house plant belonging to the Amaryllis family. A six-inch pot will accommodate six bulbs. Use a compost of fibrous loam, sand and well-rotted manure, equal parts and set the bulbs two inches deep. Keep in warm, moist atmosphere and water freely while growing. When the growing season is completed water sparingly, giving the plant a resting period, but avoid drying off entirely. The surface soil should be renewed every year, and weak manure water applied when the buds are developing, but do not repot often. Keep in cooler place while blooming.

SELF-HYPNOTIC HEALING!

I have made a late discovery that enables all to induce the hypnotic sleep in themselves instantly, awaken at any desired time and thereby cure all known disease and bad habits. ANYONE can induce this sleep themselves instantly at first trial, control their dreams, read the minds of friends and enemies, visit any part of the earth, solve hard questions and problems in the sleep and remember all when awake. This so-called Mental-Vision Lesson will be sent to anyone ABSOLUTELY FREE, actually enabling him to do the above without charge whatever. PROF. R. E. DUTTON, Dept. E., Lincoln, Neb., U. S. A.

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EXCHANGES.

NOTICE.—Each subscriber is allowed three lines ne time in twelve months. Every exchange must be holly floral. Insertion not guaranteed in any certain month. Right reserved to exclude any exchange, or cut it down as the exigencies of space demand. All lines over three must be paid for at advertising rates. All letters received should be answered in order to void misunderstanding and dissatisfaction.

Netta Palmer, Hibbitts, Ohio, will exchange water Iiacinths, Callas, Iris and other plants for any Clematis, Rhododendron, Azalea, or water Lily.

Mrs. J. F. Brook, 306 Minneapolis St., Sault Ste. Marie, Mich., has Narcissus, pink Day Lilies, seeds and plants to ex. for Crinums, Crown Imperials, bulbs, etc.

Mrs. P. M. Kimbrough, Sheppardtown, Miss., will ex. hardy Primrose plants and Fly-plant seed for old-fashioned Pinks and Chrysanthemums.

M. A. Boyd, Rural Hill, Tenn., will exchange hardy Hydrangeas for white Lilac.

Mrs. Fred. Gerber, Brick, Ala., will ex. Strawberry plants, Hyacinths, Narcissus, Orange Lilies and others or Cacti except Rat-tail or Prickly Pear.

Miss Jimmie Rushin, Pavo, Ga., will ex. a nice collection of house and yard plants for Hibiscus peach-flower, and new Begonia Gloire de Lorraine.

L. E. Ball, LaConner, Wash., has Callas, Daisies red, pink and white, Primroses, and Calif. Violets to ex. or Clematis, Wistaria, Yucca or Hydrangea plants.

Mrs. Hattie Lewis, Loogootee, Box 198, Ind., has Calla Lilies to ex. for Fancy Caladiums.

M. J. Rogers, Kingsland, Ark., has a lot of bulbs, Hyacinths, Jonquils, Narcissus, etc., to ex. for other bulbs and plants not in her collection: write.

Miss L. R. Underhill, Barlow City, Ky., has fine har- dy bulbs, vines, shrubs and hardy plants to ex. for anything that would be of use to a cripple.

Mrs. Bertha N. Ward, Madison, Maine, R. F. D., will ex. rooted Parrots Feather, Rubus floribunda and Mex. Primrose for Carnations, Ferns, Tea Roses, etc.

Mrs. Chas. Sanford, Belleville, Kan., will exchange sensitive Rose seed for Hyacinth bulbs or other bulbs.

Mary McIntyre, 437 Mich. Ave., Logansport, Ind., will ex. small Wallace and Tiger Lily bulbs, and Cranberry Curants for Roses, Carnations, etc.; write.

Mrs. Lela Strom, Hector, Minn., has house plants, Lillacs, Lilies, Roses, etc., to ex. for Paeonies, red Clematis, Bleeding Heart, white Lilac and yellow Roses.

Mrs. R. Wescott, Weirs, Vt., has white Wax Begonias, Madeira Vines, and white and pink Oxalis bulbs to ex. for Lily bulbs of any kind.

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SPECIAL PRIZES.—To the person sending the largest club of subscribers before August 1st, I will send a Fine Gold Watch, Waltham or Elgin Works, Lady's or Gentleman's size. Clubs sent in as above will count in this contest for this fine watch. I also offer Two Fine Gold Watches for largest plants of Park's Star Flower and Park's Giant Maize. Subscribers paying 15 cents may have seeds of these flowers (2 packets), as a premium, no other being called for, and agents may solicit subscriptions on this offer. Thus any subscriber can have the opportunity of securing a Fine Gold Watch, a fact that may help in getting up a club. Who will send in the largest club this month?